



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 6395

<b>SERIAL NUMBER</b> 10/055,447	<b>FILING OR 371(c) DATE</b> 01/23/2002 <b>RULE</b>	<b>CLASS</b> 708	<b>GROUP ART UNIT</b> 2193	<b>ATTORNEY DOCKET NO.</b> ANALOG.6590	
<b>APPLICANTS</b> Fabian Lis, Newton, MA;  <b>** CONTINUING DATA *****</b>  <b>** FOREIGN APPLICATIONS *****</b>  <b>IF REQUIRED, FOREIGN FILING LICENSE GRANTED</b> <b>** 02/21/2002</b>					
Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after met Allowance Verified and Acknowledged Examiner's Signature _____ Initials _____		<b>STATE OR COUNTRY</b> MA	<b>SHEETS DRAWING</b> 4	<b>TOTAL CLAIMS</b> 8	<b>INDEPENDENT CLAIMS</b> 4
<b>ADDRESS</b> Matthew E. Connors Gauthier & Connors LLP 225 Franklin Street Suite 2300 Boston ,MA 02110					
<b>TITLE</b> ECHO CANCELLER HAVING AN ADAPTIVE FILTER WITH A DYNAMICALLY ADJUSTABLE STEP SIZE					
<b>FILING FEE RECEIVED</b> 1124	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		